



rev. Dec. 1, 2020

DATE RECEIVED \_\_\_\_\_

**POST-CONSTRUCTION STORM WATER MANAGEMENT SITE PLAN REVIEW CHECKLIST**

PROJECT NAME Permit Number ADDRESS

TOTAL PROJECT AREA

TOTAL DISTURBED AREA

Latitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

APPLICANT

ADDRESS

PHONE NUMBER

OWNER (If different from Applicant)

ADDRESS

PHONE NUMBER

**Review History**

**First Review**

Plan Received on: \_\_\_\_\_

Approved/Denied: \_\_\_\_\_

Review Completed on: \_\_\_\_\_

Comments: \_\_\_\_\_

Reviewed by: \_\_\_\_\_

**Second Review**

Plan Received on: \_\_\_\_\_

Approved/Denied: \_\_\_\_\_

Review Completed on: \_\_\_\_\_

Comments: \_\_\_\_\_

Reviewed by: \_\_\_\_\_

**Third Review**

Plan Received on: \_\_\_\_\_

Approved/Denied: \_\_\_\_\_

Review Completed on: \_\_\_\_\_

Comments: \_\_\_\_\_

Reviewed by: \_\_\_\_\_

**TECHNICAL REVIEW**

\_\_\_\_\_ The Post-Construction Storm Water Management Plan **includes** the necessary post-construction components, to comply with the State and local post-construction storm water requirements (identified in the attached checklist).

\_\_\_\_\_ The Post-Construction Storm Water Management Plan **does not include** the necessary components (identified in the attached checklist), to comply with State and local post-construction storm water requirements through failure to include the following:

Reviewed by: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Project Name:

Applicant:

	Complete	Incomplete	N/A
<b>General Information</b>			
1. Location			
a. Address, subdivision name, legal description, etc...			
2. Type of development (residential, commercial, etc...)			
3. Areas (ac)			
a. Total disturbed area			
b. Existing impervious area			
c. Post-development impervious area			
4. Drainage basin maps are provided which clearly label the following:			
a. Existing basin boundaries			
b. Existing time of concentration flowpaths for each basin			
c. Post-development basin boundaries			
d. Post-development time of concentration flowpaths for each basin			
e. Discharge location(s)			
f. Receiving waters within 200 feet of project are identified			
5. Montana Licensed Engineer Stamp			
<b>Drainage Plan Content</b>			
1. Topographic map of existing and finished grade contours at 2-foot max intervals			
2. Location of each permanent storm water control			
3. Plan and profile of each permanent storm water control			
4. Invert elevations, slopes, and lengths of storm drain facilities			
5. Size, types, invert elevations and lengths of all culverts and pipe systems			
6. Discharge points clearly labeled			
7. Receiving surface waters identified			
8. Existing on-site natural resources identified and protected			
9. FEMA floodplains identified			
<b>Calculations and Design Documentation</b>			
1. Hydrology calculations			
a. State runoff method used (rational, SCS, etc...)			
b. State modeling constants and assumptions			
c. Description of design storms (frequency, depth, duration)			
d. Existing and post-development land uses			
e. Existing and post-development peak runoff rate for each design storm			
f. Existing and post-development runoff volume for each design storm			

Project Name:

Applicant

		Complete	Incomplete	N/A
<b>Calculations and Design Documentation (Continued)</b>				
2.	Post-construction BMP sizing calculations			
a.	State design requirements (0.5-inch requirement, TSS removal, or other)			
b.	Required permanent controls capacities, flow rates, and operating levels			
c.	Sizing calculations with results			
d.	A statement documenting compliance with design requirements			
e.	If 0.5-inch or TSS removal requirements are not met, provide documentation showing the impracticability of infiltration, evapotranspiration, capture for reuse, and treatment.			
3.	Culvert and pipe system capacities and outlet velocities			
4.	Ditch capacities and velocities			
<b>Additional Information</b>				
1.	Permits, easements, setbacks, and discharge agreements			
2.	Floodplain maps			
3.	Operations and Maintenance Manual for each permanent storm water control			
a.	Identify the owner			
b.	Identify the party responsible for long-term O&M			
c.	A schedule of inspection and maintenance for routine and non-routine maintenance tasks to be conducted			
d.	System failure and replacement criteria to define the structure's performance requirements			
4.	Geotechnical Report			